Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 20 Apr 2023 until 23:59 on Friday 21 Apr 2023

Forecast Issued on Thursday 20 Apr 2023 at 04:35

Confidence: High for largely fine and settled weather with mostly clear skies much of Thursday. Confidence lowering markedly from Friday as cloud and rain moves in from the east. Lower than usual confidence persisting over the weekend.

Headline for Thursday 20 Apr 2023: Dry and mostly sunny today. Breezy, especially at higher elevations.

Mountain weather hazards on Thursday 20 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny	Sunny	Sunny	Sunny	Cloudy
Precipitation probability					
00%	00%	00%	00%	<05%	10%

Forecast for Thursday 20 Apr 2023

Weather: Areas of low cloud, most likely on eastern slopes, will quickly lift and break through the morning to give a fine and sunny day, albeit with continuing strong winds. Becoming cloudier late evening but expected to remain dry.

Chance of cloud-free hill tops above 600m: 60% in the east, 80% west at first, soon becoming greater than 95% everywhere. Lowering to 80% later in the evening.

Low Cloud and visibility: Areas of low cloud, mainly on eastern slopes above 300m at first, lifting and breaking quickly during the morning, clearer to the west throughout. Very good visibility but may be slightly hazy at times later. Becoming cloudier later in the early evening with perhaps cloud starting to lower to 500m at times by late evening.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 20 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/18 NE	23/30 NE	20/29 NE	21/30 NE	19/27 NE	22/32 NE	24/35 NE
300	9/21 NE	13/25 E	16/30 NE	15/28 NE	12/26 NE	12/28 NE	15/35 NE
Valley	14/28 NE	15/28 E	15/29 E	13/26 E	10/23 NE	9/25 NE	10/26 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-3	5/-0	7/3	7/2	5/0	2/-4	3/-4
300	4/1	9/6	11/8	11/8	8/5	5/1	5/1
Valley	6/2	11/8	13/10	13/10	10/8	6/4	6/3
Freezing Level*	800m	900m	1000m	1000m	900m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low risk of severe wind chill along the tops at first in breezy conditions. Strong winds perhaps masking the effects of moderate to high UV levels in sunny conditions throughout the day. Gusts of 35-40mph are likely on summits and exposed ridges.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 20 Apr 2023	0mm	0mm	0mm

Forecast for Friday 21 Apr 2023

Weather: Significant uncertainty exists for Friday, but often cloudy with a chance for some persistent rain or drizzle across the south of the area, particularly through the afternoon and evening. A chance of some brighter spells developing in the north during the afternoon. Strong north-easterly winds with some uncertainty regarding peak speeds, wet conditions may contribute to a significant wind chill.

Maximum wind: North-easterly 35-40mph, gusting 45-50mph.

Chance of cloud-free hill tops above 600m: 30%

Low Cloud and visibility: Rather cloudy and dull through the day, especially in the south with poor visibility in any rain and extensive cloud bases 300-500m on eastern slopes. Hazy outside of any rain.

Temperature: **Valleys:** Plus 6 Celsius rising to plus 10 Celsius.
At 600m: Plus 2 Celsius rising to plus 5 Celsius
Freezing level: Above summits.

Sunday	Probably rather cloudy at first. Some good clear and sunny spells developing, but the odd scattered shower likely at times. Moderate northerly winds. Freezing levels above tops, but lowering to around 700m by the evening.
Monday	Highly uncertain but probably mostly dry, with sunny spells and a chance of showers (wintry on high summits). Gentle northerly winds. Freezing levels around 600-800m.

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